

DATA ETC . . .

JULY 1, 1982

by: Matthew Gudorf

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      * A*A *
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      ** R*R **
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GUDORF & SONS, INC.

126 West 4th Street  
Minster, Ohio 45865



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DATA data DATA data DATA  
ETC ... ETC ... ETC ...

Dated 7/1/82 -----by: Matthew Gudorf

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Welcome to another issue of DATA ETC... I give a special welcome to those who have just signed up for the monthly newsletter from Gudorf & Sons. I'd like to ask you again PLEASE give any comments what ever they may be. Send in a program of yours if you would like to see it written in the following month's issue.

The new issue of ANTIC magazine is available at our store, but hurry we only have a few left. I've had quite a few requests to sell the magazine called A.N.A.L.O.G., so I decided to get a subscription. This magazine will be available and will sell for approximately the same as ANTIC.

I have sent an order for the FAST-CHIP for the ATARI 810 disk drive. This chip will increase the speed of the 810 disk drive by 40 percent and will increase the newly upgraded disk drives by 10 percent. I will be accepting orders for this chip so if you want to upgrade your disk drive, give me a call and I'll lay away the chip for you. There is an article about this chip towards the back of the new issue of ANTIC.

We will be on vacation from June 27th through July 6th. If you need any service or want to get a game program we will be open again on the 6th of July.

If you have looked at the new list that I sent along you will see that I've added quite a few new games. Since we are getting such a bigger selection of software I am including a page in this issue to describe some of the new games.





## FUN AND GAMES

This is a new page I'm starting out this month to tell as much as I can about some new games.

First I'll hit the adventure side of games. MISSION: ASTEROID is a very excellent HI-RESOLUTION graphics program available from us on disk only. This game is somewhat like the game called DETHSTAR. The person playing the game has a mission to go out and destroy the aliens landbase.

If you've seen the arcade game DEFENDER you'll love a game called PROTECTOR. It's available on disk or cassette and requires 32K. The object of the game is to save your people from the enemy ship and carry them across a steaming volcano and let them go free in another city. Once you carry most of your people to the other city you can't stop because the volcano that's been steaming is just about to erupt. You have to carry the surviving people to a safety chute but first you have to battle with the computer timed robots. If you want the real thing there is a game called REAR GUARD, which is another name for DEFENDER. This game program is better than Defender.

We have PAC-MAN in for the 800 and 400, minimum 8K RAM. If you've ever played the arcade version of PAC-MAN and then played the ATARI computer version of PAC-MAN you won't argue with my statement that the computer version is better than the arcade version and best of all PAC-MAN games.

If you read computer magazines at all, you probably came across an article about a seventeen year old kid making his own game program called CAVERNS OF MARS. Now that kid is probably paying a company to make programs for him for one reason. Atari bought his program since it was selling so good and now this game is available on disk only with 16K. For the real space war game challenge try out Caverns of Mars.

I have news that I will be getting the computer version of CENTIPEDE within one or two weeks.

A company called DATASOFT has a very good game called CANYON CLIMBER which is similar to DONKEY KONG, a new arcade game. CANYON CLIMBER has the best graphics resolution I've seen in a program.



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## TIME FOR SCHOOL AT HOME

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I would like to suggest some good programs for educational use. I have language programs for the person who wants to know how to talk Spanish, German, Italian, or French. Each program consists of five or six double-sided cassettes and a workbook. Each of these different languages have two different people talk to you a male and a female. You can see both of these people on your T.V. and you can hear them talk in whatever language you want them to.

I have just received a book called COMPUTERS FOR PEOPLE. This book will tell exactly how good your Atari computer is. It gives a comparison of the Atari on its own and also the Atari vs. other computers.

There are some programs here from CE Software, Inc. which are very good at \$8.99 a piece they are at a very reasonable price. These programs are very good to mess around with if you want to know more about programs, and how they are written. A person can get the list out of each program from CE software and observe what constitutes a detailed program. There is an educational program available from us for every subject you would take in school whatever grade you are in. These programs require a minimum of 16K and start from 1st grade levels all the way to college level tests and questions.

If you still haven't figured out BASIC programming yet, I have a kit called PILOT(turtle graphics). This kit contains one pilot cartridge, two educational tapes and a very thorough book.



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## ODDS & ENDS

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I'd like to talk about some super programs I've read about and used. How would you like to keep your families address book on a disc instead of a bulky address book? Or how about keeping your home inventory on disc or any other kind of record you can think of on disc? All this is a breeze for the FILEMANAGER 800. You would need an ATARI 800 or 400 computer and a disk drive with 32K. The FILEMANAGER 800 is the fastest mailing list and inventory program I've come across yet. It allows you to store up to 2000 addresses or an inventory list with 2000 parts listed with only one disk. This program even allows you to print a list of your addresses or an inventory list. You can even print labels. If you have to search for a friends address, all it takes is 1.5 seconds for the FILEMANAGER to find it no matter how long the list is. You can create your own fields and even create your own field length. If you would like to see this program just come in and ask me to show you how the program works.

If you would like to expand your 400 up to 32K I will be getting the MOSAIC expansion board in approximately one week. This board is a very good quality board and will give you the clearest resolution possible when you expand. When I get this in, it will be selling for \$159.00. If you've checked around you'll know that is a very good price for expanding your computer to 32K.

Just think of the times when you wanted to buy a game but just didn't have the K.

We have just dropped the prices on all of our hardware. The 400 is now \$329.95, the 800 is \$829.95, the 810 disk drive is \$549.95 and the 410 recorder is now \$89.00.

The trade-in allowance has been dropped to \$200.00 now since we dropped the prices.

I have just put a diskette case on display which has a very nice bifold vinyl cover that holds 20 diskettes and sells for \$34.95. I am also getting a smaller case for diskettes that sells for \$5.95.

If you are looking for a computer desk, look no more. We have just received the GUSDORF computer desk which is a very pleasant looking stand with a no scratch and stain top. It's selling for \$177.95. If you'd like to take a look at this desk come down we have one set up, or look at the literature I sent along with this issue.



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## THE WRAP-UP

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Remember to look at your knew list of programs that I sent along. I have added quite a few new game programs.

Don't forget about our store being closed from June 27th through July 6th.

This page ought to sum up all I have to say for this issue of DATA ETC. So please send any comments to me about this issue of DATA ETC.

I have also included a page consisting of a few programs. These programs will only work if you have the new GTIA chip installed in your computer. So remember, if you don't have the chip you'll have to adapt the program.

BUT THEN IF YOU WANT THE CHIP WE STILL HAVE IT IN STOCK. I hope you are enjoying your summer.

I'd like to give a special **THANX** to Mr. Tom Gudorf for giving me the three programs that I added to this newsletter. If you have any programs you would like to see published, remember I'll accept any program I get.

My address is:

GUDORF & SONS, INC.  
C/O DATA ETC.  
126 W. FOURTH ST.  
MINSTER, OH 45865

UNTIL NEXT MONTH.

*Matthew Gudorf*  
MATTHEW GUDORF





```

NOW YOU CAN DRAW 3-D
10 GRAPHICS 9
15 SETCOLOR 4,15,0
20 FOR Y=55 TO 0 STEP 7-10
30 FOR X=0 TO 24
40 C=X:IF X>11 THEN C=24-X
45 C=C+3
50 Z=Y+(X)
55 D=INT(SQR(144-(X-12)*(X-12)))/2
57 COLOR 15-C
58 PLOT Z,Y+7-D
60 DRAWTO Z,Y+7+D
70 COLOR C
80 DRAWTO Z,180-Y+D
180 NEXT X
190 NEXT Y
200 GOTO 200

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TRY THIS ONE FOR COLORS

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100 REM GTIA TEST
115 GRAPHICS 10:FOR Z=704 TO 712:READ R:POKE Z,R:NEXT Z
116 DATA 0,26,42,58,74,90,106,122,138,154
130 FOR X=1 TO 8:COLOR X:POKE 765,X
140 PLOT X*4+5,0:DRAWTO X*4+5,159:PLOT X*4+1,159:POSITION X*4+1,0:XIO 18,#6,0,0,
"S:"
150 NEXT X
230 FOR X=8 TO 15:COLOR 16-X:POKE 765,16-X
240 PLOT X*4+5,0:DRAWTO X*4+5,159:PLOT X*4+1,159:POSITION X*4+1,0:XIO 18,#6,0,0,
"S:"
250 NEXT X
300 COLOR 0:PLOT 65,159:DRAWTO 0,159
400 FOR X=1 TO 8:Z=PEEK(704+X):Z=Z+16:IF Z>255 THEN Z=26
420 POKE 704+X,Z:NEXT X:FOR Y=1 TO 5:NEXT Y:GOTO 400

```

IF YOU LIKE CIRCLES, YOU'LL LIKE THIS ONE

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100 REM GTIA TEST
110 DIM C(22,2)
115 GRAPHICS 10:FOR Z=704 TO 712:READ R:POKE Z,R:NEXT Z
116 DATA 0,26,42,58,74,99,106,122,138,154
118 LIM=22:T2=3.14159*2/LIM
120 GOSUB 2500:FOR V=1 TO LIM:T=T+T2:GOSUB 2500:NEXT V
200 GOTO 1000
400 FOR X=1 TO 8:Z=PEEK(704+X):Z=Z+16:IF Z>255 THEN Z=26
420 POKE 704+X,Z:NEXT X:POKE 77,0:GOTO 400
1000 REM
1010 FOR R=1 TO 8:T6=R
1020 GOSUB 1520:NEXT R
1110 FOR R=9 TO 15:T6=16-R
1120 GOSUB 1520:NEXT R
1210 FOR R=16 TO 23:T6=R-15
1220 GOSUB 1520:NEXT R
1310 FOR R=24 TO 30:T6=31-R
1320 GOSUB 1520:NEXT R
1400 IF T3=1 THEN GOTO 400
1410 T3=1:GOTO 1010
1500 COLOR T6:V=0:GOSUB 2000:PLOT X,Y:FOR V=1 TO LIM:T=T+T2:GOSUB 2000:GOSUB 300
0:DRAWTO X,Y:NEXT V:RETURN
2000 X=(30-R)*C(V,1)+40:Y=(60-R)*C(V,2)+80:RETURN
2500 C(V,1)=SIN(T):C(V,2)=COS(T):RETURN
3000 IF T=1 THEN IF (R=1 AND V>11) OR R>1 THEN POSITION X,Y:POKE 765,T6:XIO 18,#
6,0,0,"S:"
3010 RETURN

```



**GUDORF & SONS, INC**  
\*\*\*\* Minster, Ohio \*\*\*\*  
\*\*\*\* 628-3016 \*\*\*\*  
**THE ELECTRONIC SUPERMARKET**

This is our latest list of programs we have in stock.  
Please come in and feel free to try out any program you would  
like to buy.

PERSONAL FINANCE & RECORD KEEPING

FINANCIAL ASSET MANAGEMENT SYSTEM  
FAMILY CASH FLOW  
FAMILY BUDGET  
DATA MANAGEMENT SYSTEM  
WEEKLY PLANNER  
BOWLER'S DATABASE  
NEWSPAPER ROUTE MANAGEMENT PROGRAM  
THE COMPUTERIZED CARD FILE

BUSINESS & PROFESSIONAL APPLICATIONS

DISKETTE MAILING LIST  
RPN CALCULATOR SIMULATOR  
DECISION MAKER

PERSONAL INTEREST & DEVELOPEMENT

ETCHPAD  
PLAYER PIANO  
KEYBOARD ORGAN  
BLACKJACK TUTOR  
BANNER GENERATOR  
MORSE CODE TUTOR  
DOMINATION

EDUCATION

MY FIRST ALPHABET  
LETTERMAN  
NUMBERBLAST  
VIDEO MATH FLASHCARDS  
HICKORY DICKORY  
STEREO 3-D GRAPHICS PACKAGE  
MAPWARE  
LEMONADE  
MUGWUMP  
MATHAMATIC TIC-TAC-TOE  
CUBBYHOLES  
WORD MAKER  
PRESIDENTS OF THE UNITED STATES  
IZ MASTER

ENTERTAINMENT

DOWNHILL  
BLOCKBUSTER  
EASTERN FRONT(1941)

JUST RECEIVED

FROM SWIFTY

FAMILY FINANCIER  
FILE-IT  
FILE-IT II  
FUN AND GAMES  
HAUNTED HILL  
PROGRAMMING AIDS I  
TACH MASTER  
TIME BOMB  
TRIVIA TREK  
VINYL COVERS FOR: ATARI  
400, 800, 810, AND 825  
THESE ARE ALL FOR ABOVE  
SOFTWARE

JUST RECEIVED

FROM ON-LINE

CROSSFIRE  
FROGGER  
JAW BREAKER  
MOUSE ATTACK  
THE NEXT STEP  
THRESHOLD  
MISSION: ASTEROID  
CANNONBALL BLITZ  
SOFTFORN

DATASOFT, INC

COLOR PRINT  
MICRO PAINTER  
TUMBLE BUGS  
CANYON CLIMBER  
LE STICK

CE SOFTWARE

LEAP FROG  
THE MAD MARBLE  
TAG  
TRACTOR BEAM  
WAR AT SEA  
LIGHTNING BOLTS & REACTION  
SUPER MASTER  
KENO  
HELICOPTER BATTLE  
HORCE RACING



NEW FROM SYNAPSE

DODGE RACER  
WICKEN  
PROTECTOR  
FILEMANAGER 800  
SLIME  
NAUTILUS

PUBLICATIONS

DE RE ATARI  
COMPUTE'S FIRST BOOK OF ATARI  
BASIC SELF-TEACHING BOOK  
ANTIC-MAGAZINE  
A.N.A.L.O.G.-MAGAZINE  
TECHNICAL USERS NOTES  
COMPUTERS FOR PEOPLE

ATARI HARDWARE

DISKETTE FLIPFILE  
MAXELL-BLANK DISKETTES

NEW FROM A.C.E

ACE POCKET REF. CARD  
COLORTRACK & SOUNDTRACK

ROKLAN CORP.

GORF

UNITED SOFTWARE OF AMERICA

ATARI WORLD  
3-D GRAPHICS

COMPUTER MAGIC

KAYOS

AUTOMATED SIMULATIONS

TEMPLE OF APSHAI  
CRUSH, CRUMBLE & CHOMP  
COCHET

COMING SOON FROM ADVENTURE INT.

REAR GUARD  
ADVENTURELAND  
GALACTIC EMPIRE  
LUNAR LANDER  
PREPPIE

ISSUES FROM MICRO MEDIA

ISSUE #1  
ISSUE #2  
ISSUE #3  
ISSUE #4  
ISSUE #5

INNOVATIVE DESIGN SOFTWARE

POOL

SPECTRUM

GALACTIC CHASE

QUALITY SOFTWARE

STARBASE HYPERION

BRODERBUND INTERNATIONAL

APPLE PANIC

ARCADE PLUS

ARCADE PRO-FOOTBALL

OPTIMIZED SYSTEMS SOFTWARE

SPEEDREAD

CONCOM ENTERPRISES

FABULOUS FONTS FOUR  
THE GRAPH  
HIGH VOLTAGE  
CLOSE ENCOUNTER



DOG DAZE  
STARWARE  
SOLITAIRE  
BUMPER POOL  
HORSE RACING  
LABEL  
BLACKJACK CASINO  
PRO BOWLING  
ATTANK  
747 LANDING SIMULATOR  
BLOCK'EM  
CODECRACKER  
OUTLAW/HOWITZER  
GRAPHICS/SOUND DEMONSTRATION  
LOOKAHEAD  
ANTHILL  
DICEPOKER

#### BASIC ADVENTURES

CHINESE PUZZLE  
WIZARDS GOLD  
CASTLE  
SLEAZY ADVENTURE  
ALIEN EGG  
AVALANCHE  
CENTURION  
TACT TREK  
SPACE TREK  
COMEDY DISKETTE  
PRESCHOOL GAMES

#### SYSTEM SOFTWARE

CHAMELON CRT TERMINAL EMULATOR  
BASIC PROGRAM COMPRESSOR(MASHER)  
BASIC CROSS-REFERENCE UTILITY(XREF)  
VARIABLE CHANGER  
EXTENDED WSNF  
SOUND EDITOR  
SUPERSORT, REV. 3  
SCREEN DUMP UTILITY  
ISOPLETH  
HYDRAULIC PROGRAM  
MUSICAL COMPOSER  
BLIS  
INSOMNIA-SOUND EDIT.  
REVERSI II

#### NEW ARRIVALS FROM AVALON HILL

B-1 NUCLEAR BOMBER  
MID-WAY CAMPAIGN  
CONFLICT 2500  
COMPUTER STOCKS AND BONDS  
EMPIRE OF THE OVER MIND  
TANKTICS  
GUNS OF FORT DEFIANCE  
DENEIPER RIVER LINE  
VOYAGER  
GALLAXY

#### ATARI LANGUAGE

FRENCH  
SPANISH  
GERMAN  
WORD PROCESSOR

#### ATARI EDUCATIONAL DIVISION

EDUCATIONAL SYSTEM  
PRINCIPLES OF ECONOMICS  
GREAT CLASSICS  
WORLD HISTORY  
U.S. HISTORY  
BASIC ELECTRICITY  
BASIC SOCIOLOGY  
BASIC PSYCHOLOGY  
PRINCIPLES OF ACCOUNTING  
U.S. GOVERNMENT  
PHYSICS  
EFFECTIVE WRITING  
TOUCH TYPING  
PILOT(TURTLE GRAPHICS)  
INVITATION TO PROGRAMMING #1  
INVITATION TO PROGRAMMING #2  
INVITATION TO PROGRAMMING #3  
FUNDAMENTALS OF BASIC PROGRAMMING  
STATES & CAPITALS

#### ATARI BUSINESS APPLICATIONS

MORTGAGE & LOAN ANALYSIS  
STOCK ANALYSIS  
ASSEMBLER EDITOR  
GRAPH IT  
STOCK CHARTING  
STATISTICS I

#### ATARI ENTERTAINMENT

PAC-MAN  
MICROSOFT BASIC  
MUSIC COMPOSER  
MISSILE COMMAND  
STAR RAIDERS  
ASTEROIDS  
SCRAM  
ENERGY CZAR  
SPACE INVADERS  
COMPUTER CHESS  
SUPER BREAKOUT  
VIDEO EASEL  
BASKETBALL  
BIORHYTHM  
KINGDOM  
HANGMAN  
CENTIPEDE  
CAVERNS OF MARS

